

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035260.D
 Acq On : 23 Nov 2024 02:47
 Operator : RC/JU
 Sample : P4872-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 23 03:20:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4818	0.400	ng/ul	0.00
4) Naphthalene-d8	10.070	136	12555	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.977	164	7701	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	16084	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	9856	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	9286m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	10445	2.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	3098	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.796	212	6971	0.256	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.690	152	1346	0.044	ng/ul#	85
12) Fluorene	15.045	166	588	0.021	ng/ul#	92
15) Phenanthrene	16.789	178	10464	0.246	ng/ul	99
16) Anthracene	16.878	178	1885	0.048	ng/ul#	91
19) Fluoranthene	18.828	202	20838	0.607	ng/ul#	95
20) Pyrene	19.195	202	16728m	0.468	ng/ul	
21) Benzo(a)anthracene	20.973	228	6065	0.177	ng/ul	93
22) Chrysene	21.026	228	6380	0.185	ng/ul	97
24) Benzo(b)fluoranthene	22.475	252	7869m	0.256	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	3287m	0.104	ng/ul	
26) Benzo(a)pyrene	23.001	252	5601	0.200	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.138	276	4774	0.126	ng/ul#	64
28) Dibenzo(a,h)anthracene	25.148	278	882m	0.030	ng/ul	
29) Benzo(g,h,i)perylene	25.758	276	4399	0.147	ng/ul#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

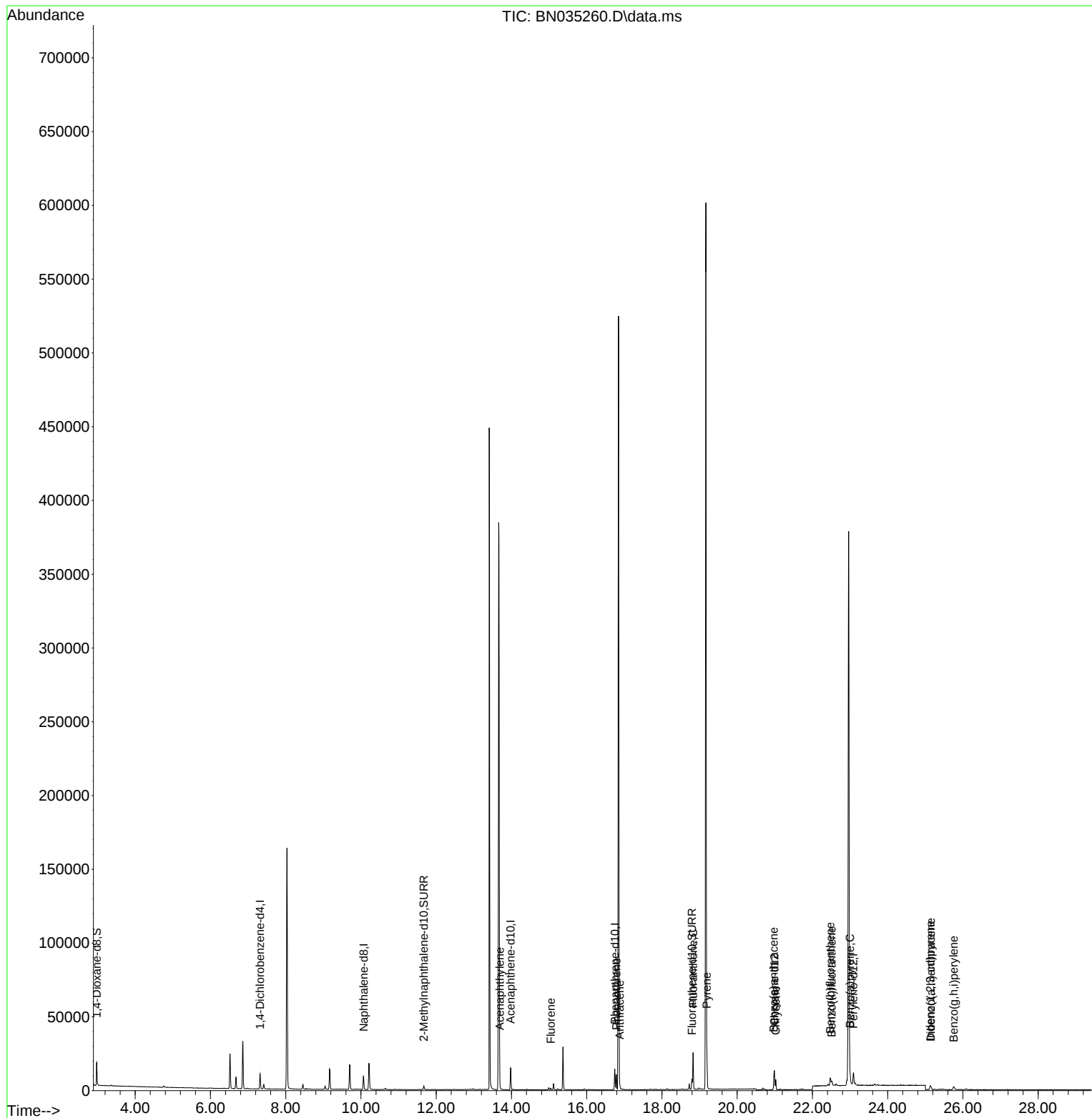
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035260.D
Acq On : 23 Nov 2024 02:47
Operator : RC/JU
Sample : P4872-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

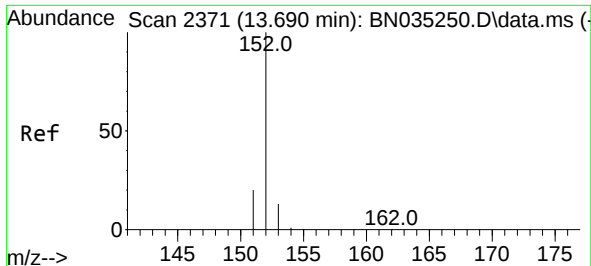
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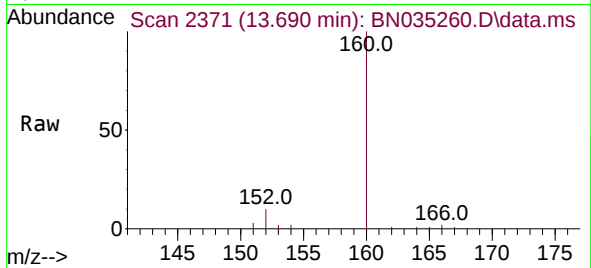
Quant Time: Nov 23 03:20:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.690 min Scan# 2371
Delta R.T. 0.000 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

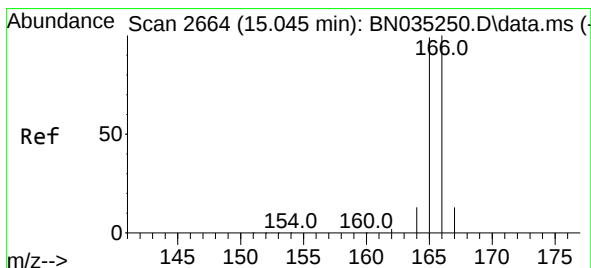
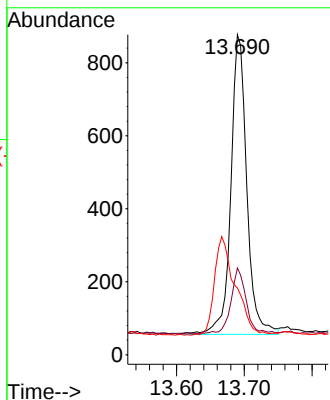
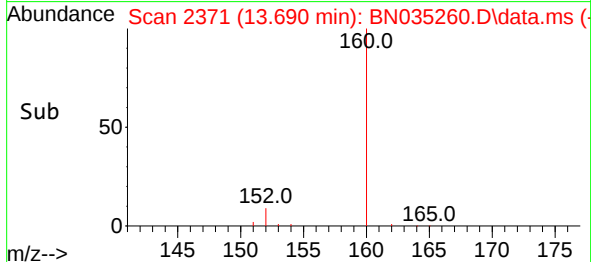
Instrument :
BNA_N
ClientSampleId :
E29X5



Tgt Ion:152 Resp: 1340
Ion Ratio Lower Upper
152 100
151 27.1 16.4 24.6
153 20.9 11.1 16.7

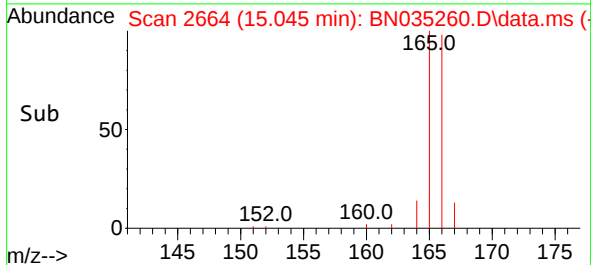
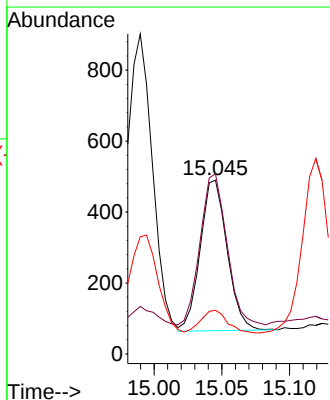
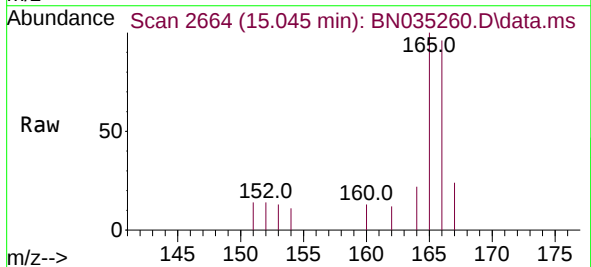
Manual Integrations
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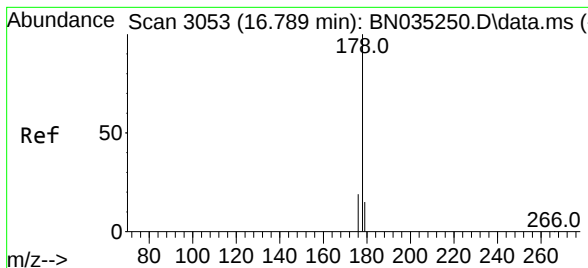
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Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.045 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

Tgt Ion:166 Resp: 588
Ion Ratio Lower Upper
166 100
165 103.7 78.6 118.0
167 25.1 11.8 17.6





#15

Phenanthrene

Concen: 0.246 ng/ul

RT: 16.789 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BN035260.D

Acq: 23 Nov 2024 02:47

Instrument :

BNA_N

ClientSampleId :

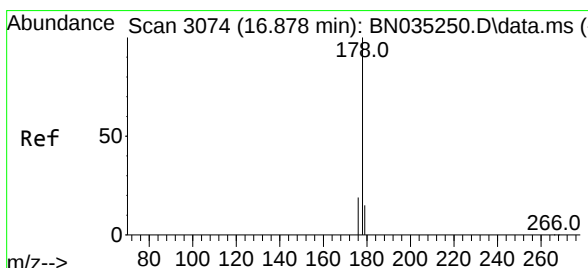
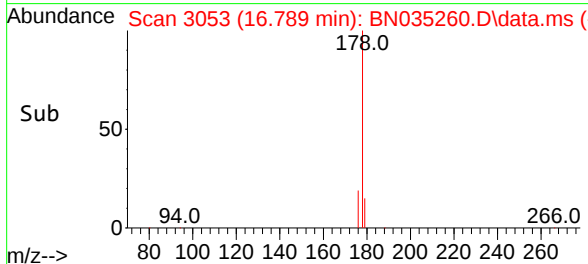
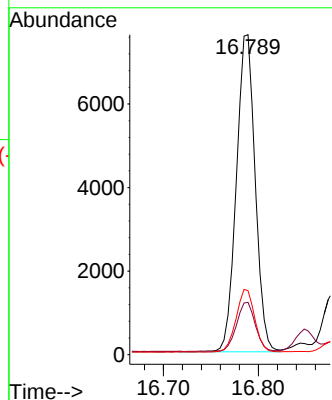
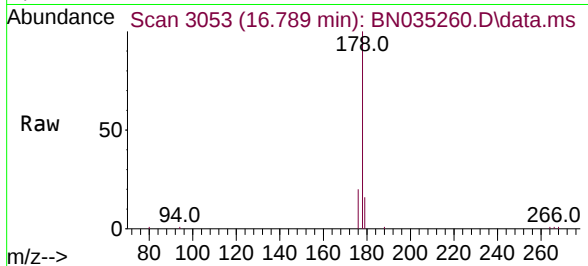
E29X5

Tgt Ion:	178	Resp:	1046
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.0	15.6	23.4

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#16

Anthracene

Concen: 0.048 ng/ul

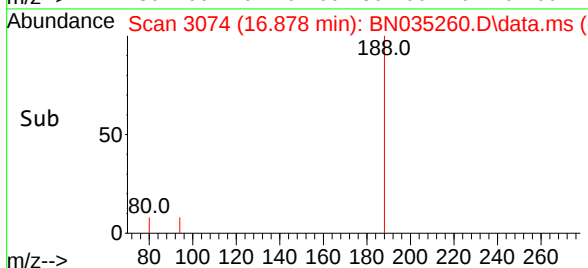
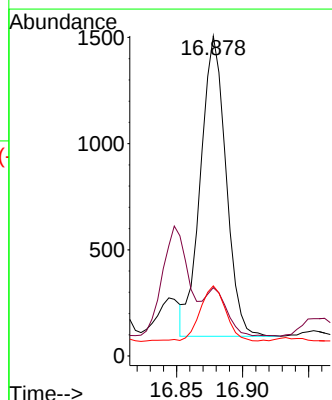
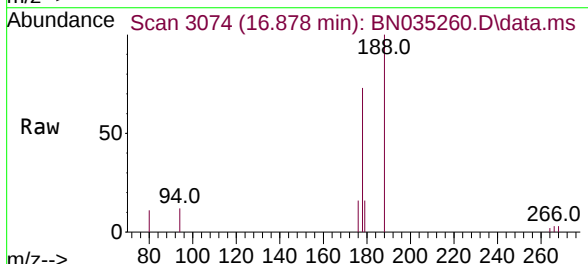
RT: 16.878 min Scan# 3074

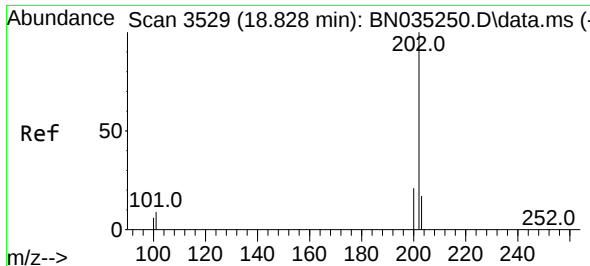
Delta R.T. -0.004 min

Lab File: BN035260.D

Acq: 23 Nov 2024 02:47

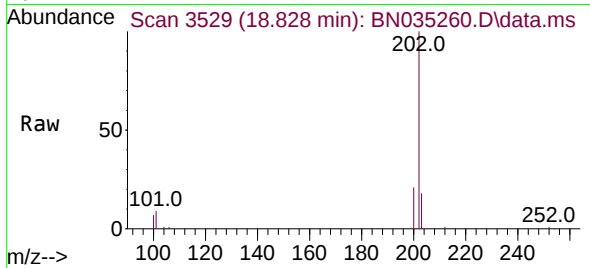
Tgt Ion:	178	Resp:	1885
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.9	19.3
176	21.9	15.4	23.2





#19
Fluoranthene
Concen: 0.607 ng/ul
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

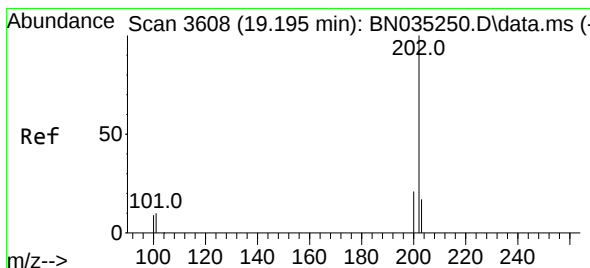
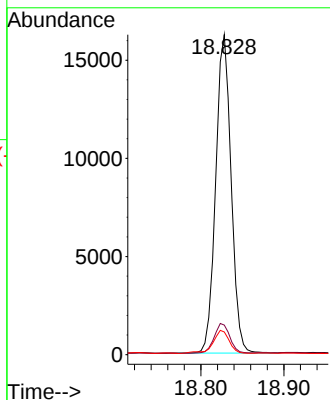
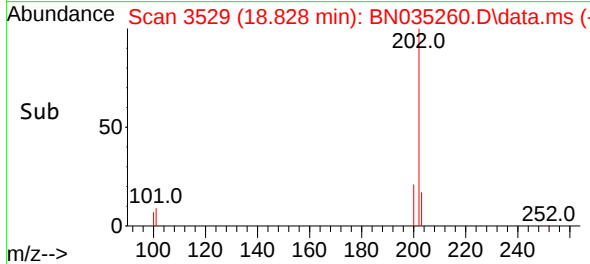
Instrument :
BNA_N
ClientSampleId :
E29X5



Tgt Ion:202 Resp: 20838
Ion Ratio Lower Upper
202 100
101 9.3 5.8 8.6#
100 7.1 4.5 6.7#

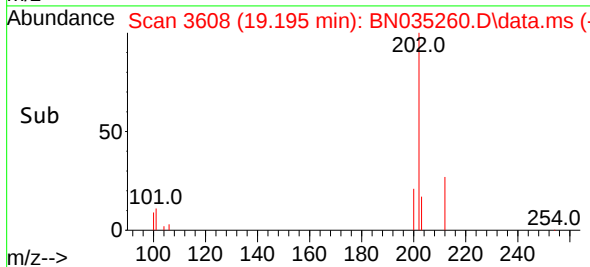
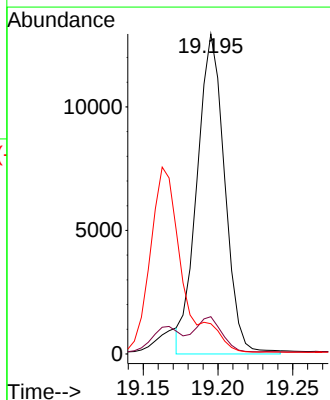
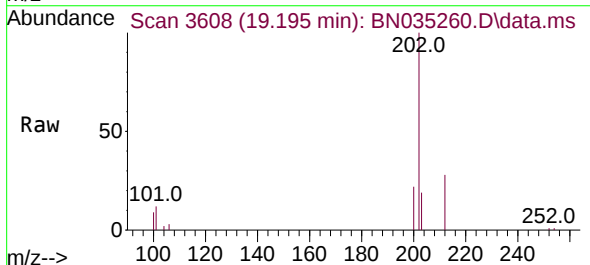
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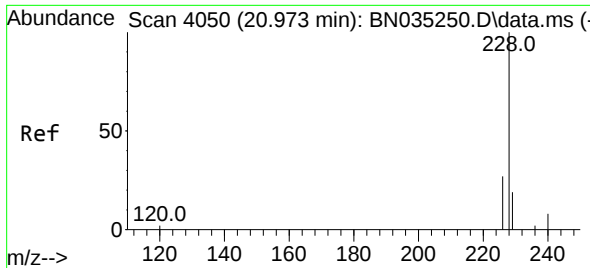
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#20
Pyrene
Concen: 0.468 ng/ul m
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

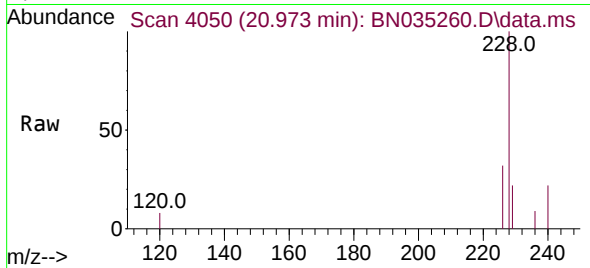
Tgt Ion:202 Resp: 16728
Ion Ratio Lower Upper
202 100
101 11.7 6.2 9.4#
100 9.5 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

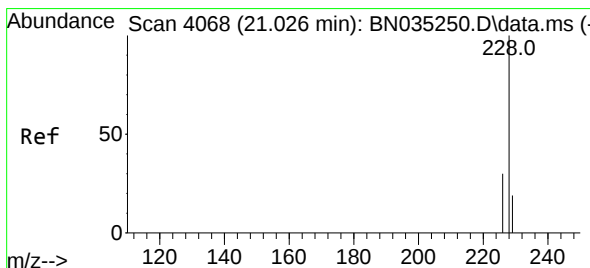
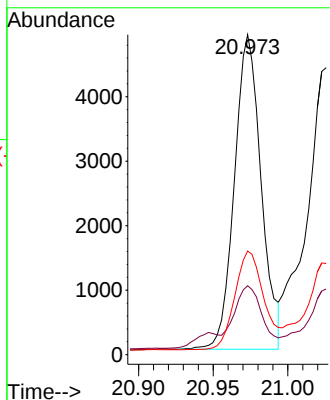
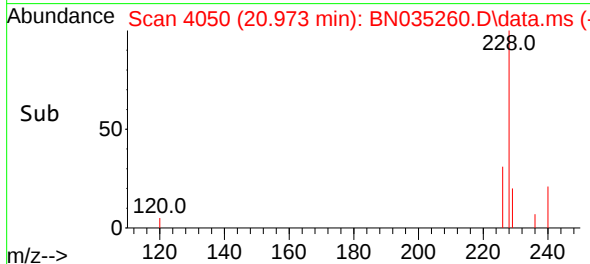
Instrument :
BNA_N
ClientSampleId :
E29X5



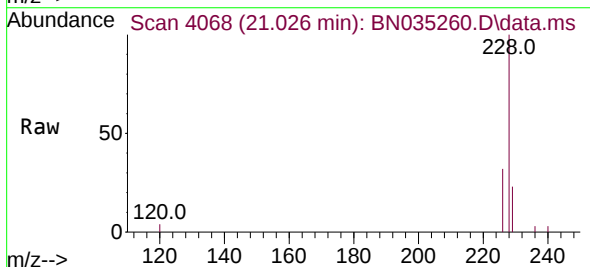
Tgt Ion:228 Resp: 6061
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 32.4 21.8 32.8

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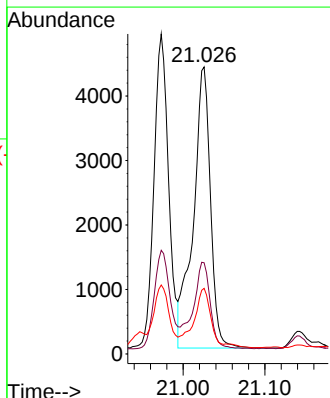
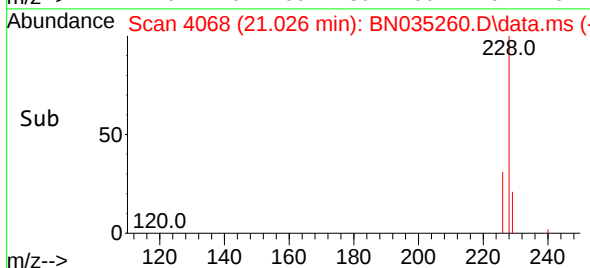
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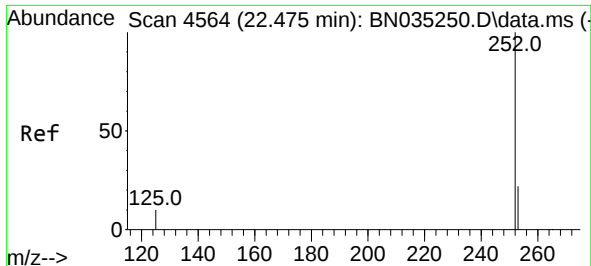


#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.026 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47



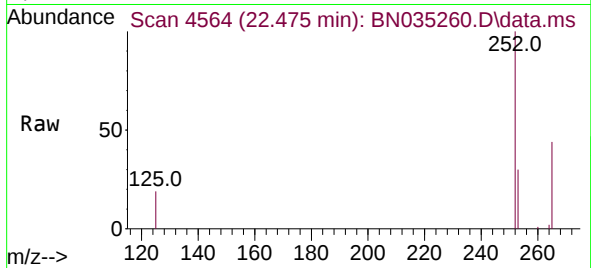
Tgt Ion:228 Resp: 6380
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

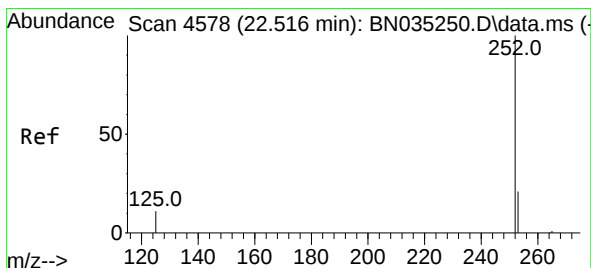
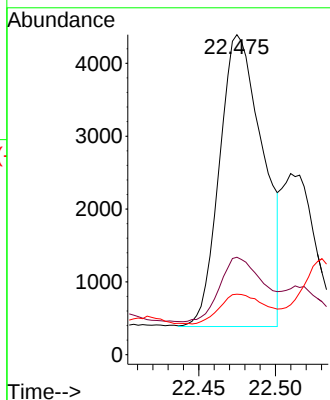
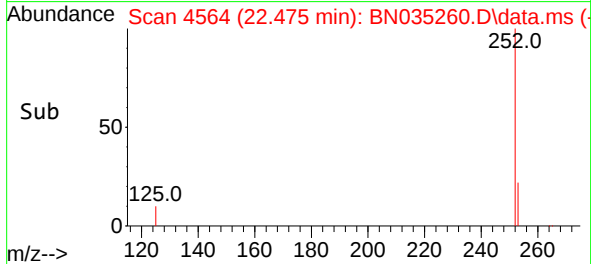
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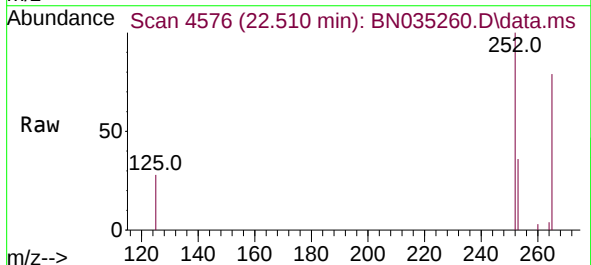
Tgt Ion:252 Resp: 7869
Ion Ratio Lower Upper
252 100
253 30.5 0.0 54.0
125 18.9 0.0 19.4

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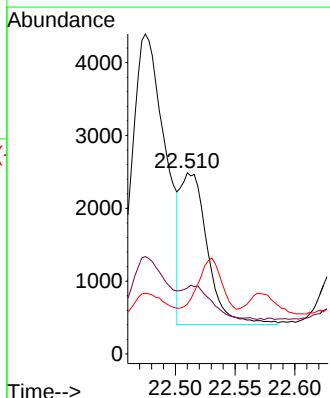
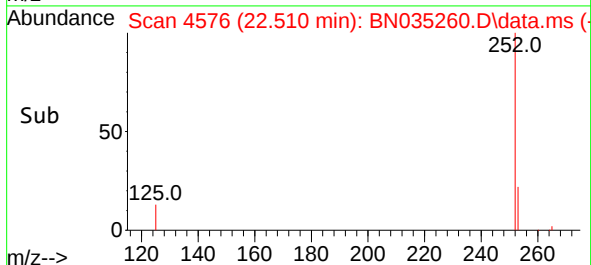
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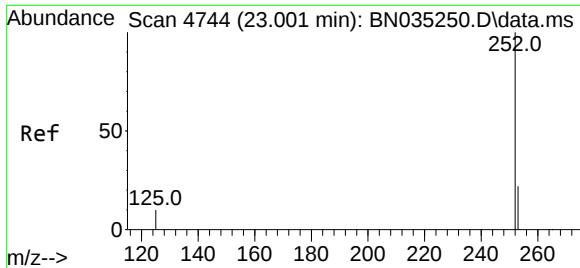


#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.510 min Scan# 4576
Delta R.T. -0.012 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47



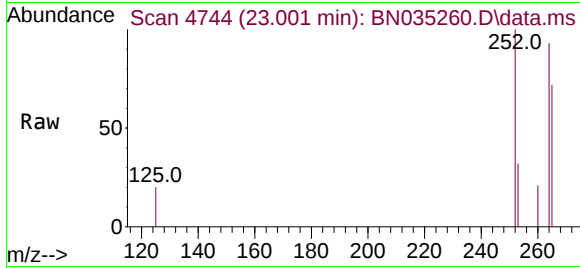
Tgt Ion:252 Resp: 3287
Ion Ratio Lower Upper
252 100
253 36.4 21.8 32.6#
125 27.6 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

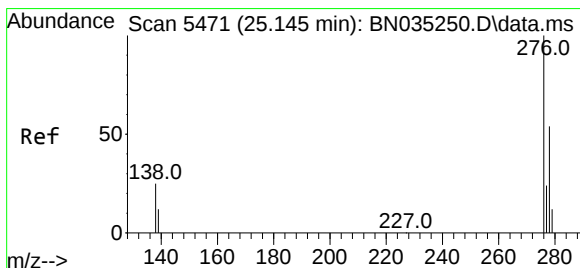
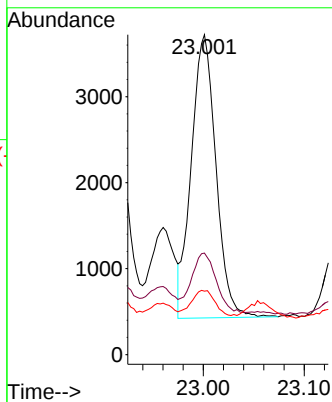
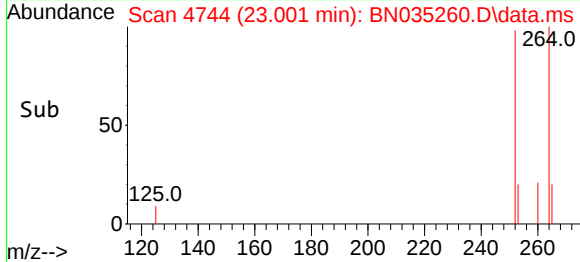
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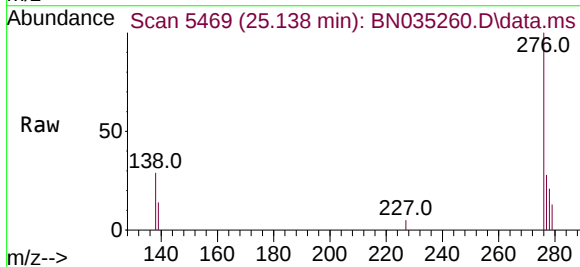
Tgt Ion:252 Resp: 560
Ion Ratio Lower Upper
252 100
253 31.8 22.9 34.3
125 19.9 9.4 14.2

Manual Integrations
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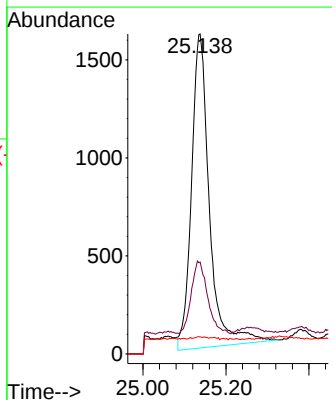
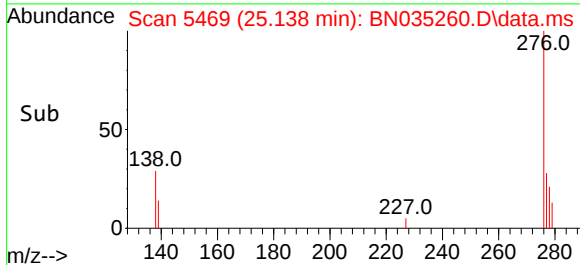
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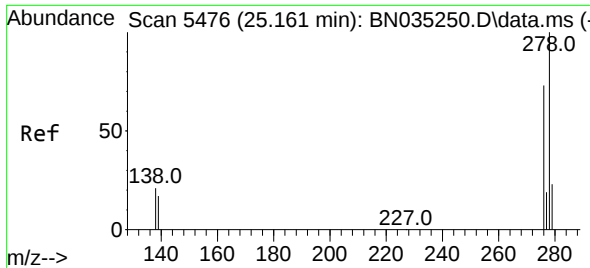


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 25.138 min Scan# 5469
Delta R.T. -0.013 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47



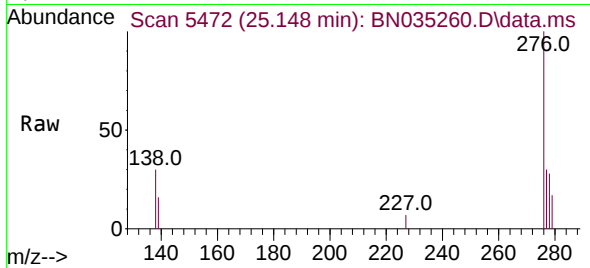
Tgt Ion:276 Resp: 4774
Ion Ratio Lower Upper
276 100
138 33.5 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul m
RT: 25.148 min Scan# 5476
Delta R.T. -0.023 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47

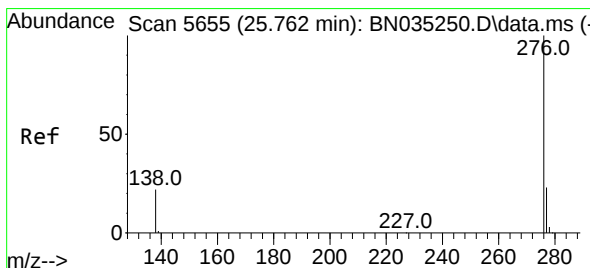
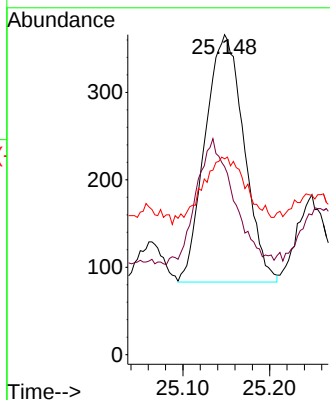
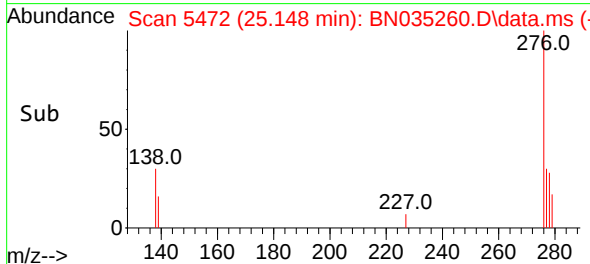
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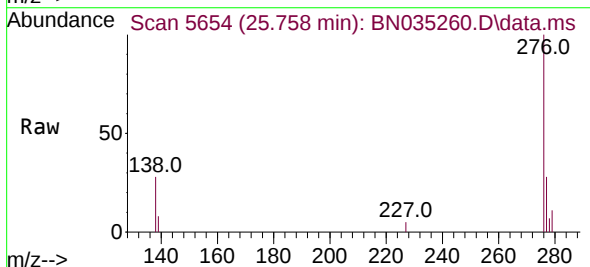
Tgt Ion:278 Resp: 882
Ion Ratio Lower Upper
278 100
139 58.7 10.7 16.1
279 61.2 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 25.758 min Scan# 5654
Delta R.T. -0.017 min
Lab File: BN035260.D
Acq: 23 Nov 2024 02:47



Tgt Ion:276 Resp: 4399
Ion Ratio Lower Upper
276 100
138 27.8 13.0 19.6
277 27.6 20.5 30.7

